CLAIM SET AS AMENDED

1. (Currently Amended) A structure for reducing noise and vibration ~~of~~ in a scroll compressor, comprising:

an outer casing ~~connected combined~~ operatively connected with a suction pipe and discharge pipe ~~respectively~~;

an inner casing ~~combined~~ engaged with ~~the~~ an inner circumferential surface of the outer casing;

a driving motor ~~combined~~ engaged with the inner circumferential surface of the inner casing~~,~~ for generating a ~~rotation~~ rotational force;

a driving shaft ~~combined~~ engaged with a rotor for transmitting the ~~rotation~~ rotational force;

a fixed scroll ~~for~~ forming ~~a plurality of compression pockets which continuously move, combined~~ a discharge port, and arranged with an orbiting scroll so as to have a plurality of compression pockets, said orbiting scroll ~~orbiting~~ eccentrically ~~combined~~ engaged with the driving shaft ~~and the orbiting scroll and forming a discharge port~~, wherein said compression pockets continually move during an orbital motion of said orbiting scroll;

a frame ~~fixed combined~~ affixed on the inner circumferential surface of the inner casing~~,~~ for supporting the driving shaft; and

an elastic ~~supporting means~~ support device for elastically supporting ~~both~~ ends of the outer casing and the inner casing.

2. (Currently Amended) The structure ~~of~~ according to claim 1, wherein the elastic ~~supporting means~~ support device comprises:

~~an~~ a plurality of outer supporting protrusion ~~portion~~ portions, ~~three or more~~ wherein at least three of said outer supporting protrusion portions ~~of which~~ are formed along the inner circumferential surface of the outer casing at a ~~same~~ height equal to a height of ~~as~~ the inner circumferential surface of the outer casing;

a first spring fixing member ~~inserted combined~~ being inserted on a side surface of the outer supporting protrusion ~~portion~~ portions;

~~an~~ a plurality of inner supporting protrusion ~~portion~~ portions, ~~three or more of which~~ wherein at least three of said inner supporting protrusion portions are formed on the outer circumferential surface of the inner casing and facing the outer supporting protrusion portion;

a second spring fixing member ~~inserted combined~~ being inserted on ~~one~~ a first side of the inner supporting protrusion ~~portion~~ portions; and

an elastic member positioned between the first spring fixing member and the second spring fixing member~~,~~ for elastically supporting the inner casing on the outer casing.

3. (Currently Amended) The structure ~~of~~ according to claim 2, wherein the outer supporting protrusion ~~portion~~ portions and the inner supporting protrusion ~~portion~~ portions are ~~protruded formed~~ formed protruding along ~~on~~ a ~~same~~ common perpendicular line~~,~~ to the inner circumferential surface of the outer casing and having a ~~certain~~ predetermined height difference.

4. (Currently Amended) The structure ~~of~~ according to claim 1, wherein the elastic ~~supporting means~~ support device comprises:

~~an~~ a plurality of elastic member mounting ~~hole~~ holes, wherein at least three ~~or more~~ of ~~which are~~ said elastic member mounting holes are formed ~~being penetrated~~ penetrating said inner casing at a certain portion of the inner casing;

~~an~~ a plurality of outer supporting protrusion ~~portion~~ portions, wherein at least three ~~or more~~ of ~~which are~~ said outer supporting protrusion portions are formed along the inner circumferential surface of the outer casing at a same height and which penetrate the elastic member mounting ~~hole~~ holes;

a first spring fixing member ~~inserted combined~~ being inserted on a side surface of the outer supporting protrusion ~~portion~~ portions;

a second spring fixing member ~~inserted combined~~ being inserted on ~~one~~ a first side of a main frame; and

an elastic member positioned between the first spring fixing member and the second spring fixing member ~~,~~ for elastically supporting the inner casing on the outer casing.

5. (Currently Amended) The structure ~~of~~ according to claim 1, wherein a discharge plenum is connected with a discharge port~~, where one or more discharge space is formed,~~ and is positioned on the rear surface of the fixed scroll, said discharge port including at least one discharge space formed therein.

6. (Currently Amended) The structure ~~of~~ according to claim 5, wherein a loop pipe for connecting a final discharge space and a discharge pipe of the outer casing is ~~connected combined~~ affixed at one side of the discharge plenum.

7. (Currently Amended) A structure for reducing noise and vibration in a scroll compressor, comprising:

an outer casing operatively connected with a suction pipe and discharge pipe;

an inner casing engaged with an inner circumferential surface of the outer casing;

a driving motor engaged with the inner circumferential surface of the inner casing for generating a rotational force;

a driving shaft engaged with a rotor for transmitting the rotational force;

a fixed scroll forming a discharge port, and arranged with an orbiting scroll so as to have a plurality of compression pockets, said orbiting scroll eccentrically engaged with the driving shaft, wherein said compression pockets continually move during an orbital motion of said orbiting scroll;

a frame affixed on the inner circumferential surface of the inner casing for supporting the driving shaft; and

an elastic support device for elastically supporting ends of the outer casing and the inner casing, wherein a lower end of the driving shaft is formed longer than a lower end of the inner casing.

8. (Currently Amended) The structure ~~of~~ according to claim 1, wherein the elastic member ~~is composed of~~ includes a compressive coil spring.

9. (Currently Amended) The structure ~~of~~ according to claim 6, wherein the loop pipe ~~is composed of a~~ includes an elastic spring pipe ~~which has elasticity~~.

10. (New) A structure for reducing noise and vibration in a scroll compressor, comprising:

an outer casing operatively connected with a suction pipe and discharge pipe;

an inner casing engaged with an inner circumferential surface of the outer casing;

a driving motor engaged with the inner circumferential surface of the inner casing for generating a rotational force;

a driving shaft engaged with a rotor for transmitting the rotational force;

a fixed scroll forming a discharge port, and arranged with an orbiting scroll so as to have a plurality of compression pockets, said orbiting scroll eccentrically engaged with the driving shaft, wherein said compression pockets continually move during an orbital motion of said orbiting scroll;

a frame affixed on the inner circumferential surface of the inner casing for supporting the driving shaft; and

an elastic support device positioned between said inner casing and said outer casing for elastically supporting ends of the outer casing and the inner casing, wherein said elastic support device is positioned along a height of said inner casing vertically aligned adjacent to said orbiting scroll and said fixed scroll.